

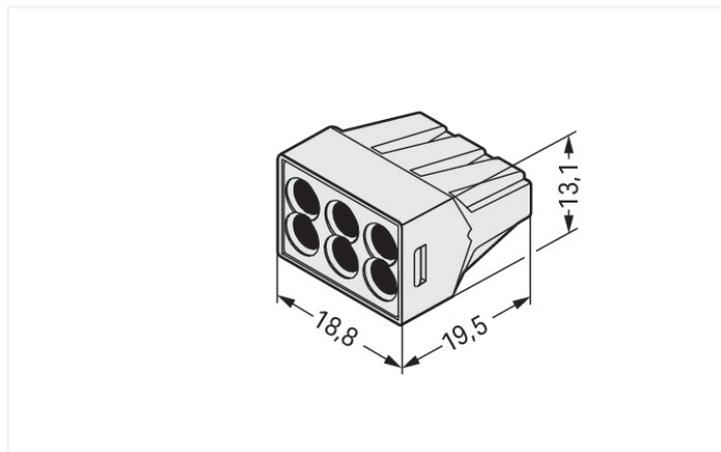
## Data Sheet | Item Number: 773-496

PUSH WIRE® splicing connector; for solid and stranded conductors; for Ex applications; max. 2.5 mm<sup>2</sup>; 6-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm<sup>2</sup>; light gray

<https://www.wago.com/773-496>



Color: ■ light gray



Dimensions in mm

Push wire® splicing connector, 773 Series, light gray

Push wire® splicing connector (item number 773-496) is designed for fault-free electrical installations. Quickly and securely connect conductors in any building installation with WAGO's 773 Series PUSH WIRE® connectors, designed for both surface and flush-mounted junction boxes. Whether you intend to use them in private or commercial applications, this series of PUSH WIRE® connectors for junction boxes ensures simple and time-saving installations. Conductors can only be connected to push wire® splicing connector if their strip length is 12 mm. Featuring conductor terminals along with PUSH WIRE®, this product is highly versatile. Our PUSH WIRE® connection offers a simple and reliable method for connecting solid conductors. The item's dimensions are 18.8 x 13.1 x 19.5 mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is designed for conductor cross sections ranging from 0.75 mm<sup>2</sup> to 2.5 mm<sup>2</sup>. The contact surface is coated with tin.

### Notes

General safety instructions

**NOTICE: Observe installation and safety instructions!**

- **Only to be used by electricians!**
- Do not work under voltage/load!
- Use only for proper use!
- Observe national regulations/standards/guidelines!
- Observe technical specifications for the products!
- Observe the number of permissible potentials!
- Do not use damaged/dirty components!
- Observe conductor types, cross-sections and strip lengths!
- Insert conductor until it hits the product's backstop!
- Use original accessories!

**To be sold only with installation instructions!**

Safety information 2

To be used only in conjunction with a mounting carrier (773-331).

### Electrical data

Ratings per	EN 60079		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	-
Rated surge voltage	-	-	-
Rated current	-	-	-

### Ex information

Rated voltage EN (Ex e II)	550 V
Note (rated voltage)	275 V at a distance < 10 mm to parts of other potentials
Rated current (Ex e II)	24 A

### Connection data

Clamping units	6	<b>Connection 1</b>	
Total number of potentials	1	Connection technology	PUSH WIRE®
		Actuation type	Push-in
		Connectable conductor materials	Copper
		Solid conductor	0.75 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
		Stranded conductor	0.75 ... 2.5 mm <sup>2</sup> / 16 ... 12 AWG
		Strip length	12 mm / 0.47 inches
		Wiring direction	Side-entry wiring

### Physical data

Width	18.8 mm / 0.74 inches
Height	13.1 mm / 0.516 inches
Depth	19.5 mm / 0.768 inches

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	light gray
Cover color	light gray
Flammability class per UL94	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.077 MJ
Weight	3.6 g

### Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C

### Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143026581
Customs tariff number	85369010000

### Product classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 9.0	EC000446
ETIM 8.0	EC000446
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status Compliant, No Exemption

**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747
UL UL International Germany GmbH	UL 486C	E69654

**Approvals for hazardous areas**



Approval	Standard	Certificate Name
ATEX UL International Demko A/S	EN 60079	DEMKO 03 ATEX 131845U Rev. 1 (II 2 G Ex eII C Gb)

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 773-496 <a href="#">↓</a>

**Documentation**

Bid Text			
773-496	19.02.2019	xml 3.15 KB	<a href="#">↓</a>
773-496	17.05.2017	doc 25.00 KB	<a href="#">↓</a>
ausschreiben.de 773-496			<a href="#">↓</a>

**CAD/CAE-Data**

CAD data
2D/3D Models 773-496 <a href="#">↓</a>

CAE data
EPLAN Data Portal 773-496 <a href="#">↓</a>
WSCAD Universe 773-496 <a href="#">↓</a>
ZUKEN Portal 773-496 <a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Mounting adapter

##### 1.1.1.1 Mounting accessories



**Item No.: 773-331**

Mounting carrier; for Ex applications; 773 Series - 2.5 mm<sup>2</sup> / 6 mm<sup>2</sup>; for DIN-35 rail mounting/screw mounting; light gray